ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log

ILL 13 & 127 Over Beaucoup Creek

Sheet 1 of 2

Route: ILL 13 & 127 Structure Number: 039-0009 Date: 7/25/2003

Section

Bored By: Bryan Keller

County: Jackson Location: 2.0 Mile South of Illinois Route 4 Checked By: Rob Graeff

Boring No 5-S
Station 2603+05
Offset CL
Ground Surface 367.3ft

Surf Wat Elev: 352.0
Ground Water Elevation
when Drilling 355.8
At Completion
At: 72 Hrs: 355.9

Description	Depth	Blows	Qu tsf	W%
Very stiff, moist, brown, Silty Clay A-6		1 2 3	2.2B	24
	363.3			
Stiff, moist to very moist, brown, Clay to Silty Clay A7-6	5.0	1 2 3	1.9B	27
	360.8			
Stiff, very moist, gray mottled brown, Silty Clay A-6		1 1 2	1.1B	25
	358.3			
Medium, very moist, grey mottled brown, Silty Clay A-6	10.0	1 1 1	0.7B	29
	355.8			
		WH 1 1	0.7B	32
	353.8			
Stiff, moist to very moist, brown, Clay to Silty Clay A7-6 with a Sandy Gravel Layer	15.0	1 1 2	1.9S	28
	350.8			
Very stiff, moist, brown, Clay A7-6		1 2 3	2.3S	27
		1 2 3	2.8S	30
		1 2 3	2.1S	25
		1 2	2.3S	24

Description	Depth	Blows	Qu tsf	W%
		6		
	346.8			
Stiff, very moist, brown, Clay A7-6		1 2 3	1.4B	27
	338.3			
Very stiff, moist, brown, Clay A7-6	30.0	1 3 6	2.8S	29
	335.8			
Stiff, moist, brown, Clay A7-6		WH 2 2	1.9S	23
	333.3			
Stiff, very moist, brown, Clay A7-6	35.0	1 2 3	1.4B	31
	330.8			
Stiff, very moist, brown, Clay A7-6		WH 3 3	1.8B	26
		WH 1 2	1.8S	31
	323.3			
Very loose, wet, grey, Silty Sand with Clay Layers 71% Sand 18% Silt 13% Clay	45.0	WR WR 2		20
	318.3			
Stiff, very moist, brown, Clay A7-6 with some Pea Gravel	50.0	WR 2	1.8B	20

N-Std Penetr Test: 2" OD Sampler,140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Sheet 2 of 2

Route: ILL 13 & 127 Date: 7/25/2003

Section:

County: Jackson

Boring No: S 5
Station: 2603+05
Offset: CL
Ground Surface: 367.3 ft

Description	Depth	Blows	Qu tsf	W%
Stiff, very moist, brown, Clay A7-6 with some Pea Gravel		4		
	313.3			
Very loose, wet, grey, very fine, Silty Sand 82% Sand 8% Silt 10% Clay	55.0	WR WR WR		21
	308.3			
Medium, wet, grey, very fine Silty Sand with some Gravel	30.0	2 3 6		85.0
		2 4 7		90.0
	298.3			
Hard, dry, grey Clay Shale 287.8		100/4"		
Bottom of hole = 69.5 ft.	70.0			95.0
Free water observed at 11.5 ft.				
Elevation referenced to Bk. Plant Sta. 229+95 Elev 387.8 ft.				
To convert "N" values to "N60" values multiply by 1.25.	75.0			100.0

N-Std Penetr Test: 2" OD Sampler,140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

BORING 5-S